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Cont
11 sending a 100 MHz time-division multiplexed signal on a transmit data line;

cont
11 sending a plurality of time-division multiplexed transmit control signals on a transmit control line,

11 wherein the receive control signals are functionally different types of signals and the transmit control signals are functionally different types of signals.

D2 15 (Amended Twice) An interface between a first media access control layer and a second media access control layer, consisting essentially of:

a time-division multiplexed receive data line;

a time-division multiplexed receive control line for transmitting different functional types of receive control signals;

a time-division multiplexed transmit data line;

14 a time-division multiplexed transmit control line for transmitting different functional types of transmit control signals.

16. (Amended Twice) A media access control layer to physical layer interface consisting essentially of:

a common clock;

a time-division multiplexed receive data line;

a time-division multiplexed receive control line for transmitting different functional types of receive control signals;

a time-division multiplexed transmit data line;

a time-division multiplexed transmit control line for transmitting different functional types of transmit control signals.